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DD/S

12-4227

0.9 NOV 1972

**MEMORANDUM FOR: Deputy Director of Central Intelligence**

**SUBJECT : National Senior Cryptologic Course**

1. I am delighted that you will be able to give the Closing Remarks to students of the National Senior Cryptologic Course, who will be visiting the Agency on Tuesday, 21 November 1972. Your session with the class is scheduled in Room 1A-07 from 1545 to 1615 hours.

2. The "Day at CIA" is a regular feature of the eight-week National Senior Cryptologic Course, which is given by NSA twice a year. The present Course began on 16 October and the CIA day comes early in the sixth week. The grade level of the 44 students is predominantly GS-14 and GS-15 and corresponding military ranks. Three of the students are from this Agency. [redacted] who has been Commandant of the National Cryptologic School since early this summer will accompany the class.

3. I would like to suggest that, after a few appropriate introductory remarks, you devote the greater part of your time with the class to a question and answer period. I have attached a schedule of the "Day at CIA" (A), a roster of the students (B), background data on the Course (C), and the NSA Course Schedule (D).

[redacted]  
HUGH T. CONNINGHAM  
Director of Training

Atts

**Distribution:**

- Orig & 1 - Adse (w/atts)
- 1 - ER (w/o atts)
- 1 - DDS (w/atts) - ~~Class~~ Subject
- 2 - DTR

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Approved For Release 2003/08/18 : CIA-RDP84-00780R005000070041-7

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CIA Briefing for National Senior Cryptologic Course

Tuesday, 21 November 1972


Room 1A-07, Headquarters

0815 - 0830      Arrival at Headquarters and Processing  
0830 - 0845      Coffee in Room 1A-07  
0845 - 0855      Welcome and Opening Remarks

William Colby  
Executive Director-Comptroller

0900 - 1000      "The Agency's Role and Missions Today"

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Senior Briefing Officer  
Office of Training

1010 - 1100      "Intelligence Production in Support of Policy"

Paul Walsh  
Assistant Deputy Director for Intelligence

1110 - 1230      "A Clandestine Cryptologic Operation"

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1230 - 1330      Lunch in Rendezvous Room

1330 - 1430      "The Agency's S&T Responsibilities"

Carl Duckett  
Deputy Director for Science and Technology

1430 - 1440      Coffee

1440 - 1540      "The Role of the Office of ELINT"

John McMahon  
Director of ELINT

1545 - 1615      Closing Remarks

Lieutenant General Vernon Walters  
Deputy Director of Central Intelligence

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Background Data for Speakers

National Senior Cryptologic Course #12

"Day at CIA"

Tuesday, 21 November 1972

Room 1A-07 - Headquarters

One of the missions of the National Cryptologic School is to conduct courses of instruction related to cryptologic functions which will "Enhance the preparation of selected military officers and key civilians for major command, staff and policy-making positions within the national and international security structure."

The National Senior Cryptologic Course is the most advanced of several developed to fulfill this mission.

The first course was conducted in 1967. This is the 12th running and the 8th time the course has had a "Day at CIA."

Twenty-four out of the 44 students enrolled in the present class are from NSA; others are from military cryptologic assignments, from DIA and three are from the Agency (checked off in red on attached roster -- [redacted]).  
Thirty-two of the students are civilians, predominantly at the GS-14 and GS-15 levels and 12 are officers of field grade rank representing all four services. There are three female students in the class. The Commandant of the National Cryptologic School (since about July of this year), [redacted] as well as two or three faculty members will accompany the class.

Prior to the "Day at CIA", which falls in the 6th week of the course, the class will have had presentations on the NSC, PFIAB, the Intelligence Community and an Introduction to CIA. Later on in the Course the class will spend a day at NPIC.

All students have SI, T and KH clearances. The Course began on 16 October and will end on 13 December.

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1 OCTOBER 1972

NATIONAL SECURITY AGENCY  
NATIONAL CRYPTOLOGIC SCHOOL  
NATIONAL CRYPTOLOGIC COURSE CENTER

CLASS 12

NATIONAL SENIOR CRYPTOLOGIC COURSE SCHEDULE

16 OCTOBER 1972 - 13 DECEMBER 1972

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## FIRST WEEK

### Monday, 16 October (Course Introduction)

AM            Course Registration  
              Security Briefing  
              Indoctrination

PM            Student Introductions  
              Commandant's Address  
              Individual Study

(For the period 17 October through 30 October, students will be assigned to one of six seminar groups for fundamental instruction in subjects indicated.)

### Tuesday, 17 October

AM/PM        Electronic Data Processing (EDP) (Seminars 1 & 2)  
              Signals Technology (Seminars 3 & 4)  
              Crypto-Sciences (Seminars 5 & 6)

### Wednesday, 18 October

AM/PM        Electronic Data Processing (EDP) (Seminars 1 & 2)  
              Signals Technology (Seminars 3 & 4)  
              Crypto-Sciences (Seminars 5 & 6)

### Thursday, 19 October

AM/PM        Electronic Data Processing (EDP) (Seminar 1 & 2)  
              Signals Technology (Seminars 3 & 4)  
              Crypto-Sciences (Seminars 5 & 6)

### Friday, 20 October

AM/PM        Crypto-Sciences (Seminars 1 & 2)  
              Electronic Data Processing (EDP) (Seminars 3 & 4)  
              Signals Technology (Seminars 5 & 6)

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SECOND WEEK

Monday, 23 October - Holiday, Veterans Day

Tuesday, 24 October

AM/PM      Crypto-Sciences (Seminars 1 & 2)  
             Electronic Data Processing (EDP) (Seminars 3 & 4)  
             Signals Technology (Seminars 5 & 6)

Wednesday, 25 October

AM/PM      Crypto-Sciences (Seminars 1 & 2)  
             Electronic Data Processing (EDP) (Seminars 3 & 4)  
             Signals Technology (Seminars 5 & 6)

Thursday, 26 October

AM/PM      Signals Technology (Seminars 1 & 2)  
             Crypto-Sciences (Seminars 3 & 4)  
             Electronic Data Processing (EDP) (Seminars 5 & 6)

Friday, 27 October

AM/PM      Signals Technology (Seminars 1 & 2)  
             Crypto-Sciences (Seminars 3 & 4)  
             Electronic Data Processing (EDP) (Seminars 5 & 6)

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THIRD WEEK

Monday, 30 October

AM/PM        Signals Technology (Seminars 1 & 2)  
              Crypto-Sciences (Seminars 3 & 4)  
              Electronic Data Processing (EDP) (Seminars 5 & 6)

Tuesday, 31 October

AM            Review and Evaluation Seminar  
              Introduction to Cryptologic Operations  
              Introduction to Cryptologic Relationships  
PM            Communications Security - The Hostile Threat  
              Compromising Signal Emanations - Tempest

Wednesday, 1 November

AM            Communications Security - COMSEC Equipment  
              Operations Security  
PM            National and International COMSEC Relationships  
              COMSEC Resource Management

Thursday, 2 November

AM            The U.S. SIGINT Directives System (USSID)  
              SIGINT Requirements  
PM            Intelligence Guidance and Planning in the '70's  
              SIGINT Requirements Exercise

Friday, 3 November

AM            Introduction to Signals Collection  
              SIGINT Collection Operations  
              Special Collection Operations

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FOURTH WEEK

Monday, 6 November

AM SIGINT Collection Systems  
New Signals Technology  
PM Remote Control Intercept Programs  
Review and Evaluation Seminar

Tuesday, 7 November

AM/PM

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Wednesday, 8 November

AM Introduction to Electronic Intelligence (ELINT)  
ELINT Requirements  
PM Technical ELINT  
Operational ELINT  
Electronic Warfare Support Measures

Thursday, 9 November

AM SIGINT Collection Resource Management  
PM Traffic Analytic Operations  
Student Forums

Friday, 10 November

AM Cryptanalytic Operations  
PM SIGINT - The Soviet Communist Bloc

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FIFTH WEEK

Monday, 13 November

AM SIGINT - The All-Other-Countries  
PM USIB and the SIGINT Committee  
Review and Evaluation Seminar

Tuesday, 14 November

AM The National Security Council (NSC)  
The President's Foreign Intelligence  
Advisory Board (PFIAB)  
PM The Intelligence Community  
Economic Intelligence

Wednesday, 15 November

AM Combat COMINT  
SIGINT Indicators  
PM SIGINT - The Asiatic Communists

Thursday, 16 November

AM SIGINT Reporting  
PM Introduction to CIA  
The Current SIGINT Operations Center (CSOC)  
The Defense Special Missile and Astronautics  
Center (DEF/SMAC)

Friday, 17 November

AM NSA Computer Operations  
Field Computer Operations  
Signals Machine Processing  
PM   
Computer Management

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SIXTH WEEK

Monday, 20 November

AM National Security Agency/ Central Security  
Service (NSA/CSS) Operations  
PM NSA/CSS Communications  
Review and Evaluation Seminar

Tuesday, 21 November

AM/PM Central Intelligence Agency (CIA) Visit ✓

Wednesday, 22 November

AM/PM The Cryptologic Management Exercise

Thursday, 23 November - Holiday, Thanksgiving

Friday, 24 November - No Presentations Scheduled

(Students may take leave or do individual  
study in the Course Center.)

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SEVENTH WEEK

Monday, 27 November

AM Cryptologic Resource Research and Development (R/D)  
PM SIGINT and the U.S. Secret Service  
Review and Evaluation Seminar

Tuesday, 28 November

AM/PM National Photographic Interpretation Center  
(NPIC) Visit

Wednesday, 29 November

AM Crypto Linguistics  
DADP Perspective  
PM Introduction to Resource Management

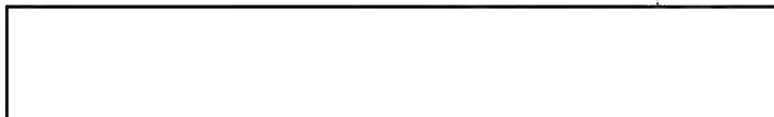
Thursday, 30 November

AM Cryptologic Programming and Budgeting  
PM NSA/CSS Planning  
NSA/CSS Training

Friday, 1 December

AM NSA/CSS Personnel Management  
Service Cryptologic Agency (SCA) Personnel  
Management  
PM NSA/CSS Material Management  
Cryptologic Security

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EIGHT WEEK

Monday, 4 December

AM Cryptologic Resources Management  
Operations Research  
PM DoD Resources Management  
Student Forums

Tuesday, 5 December

AM Defense Intelligence Agency (DIA) Visit  
PM State Department Visit

Wednesday, 6 December

AM Deputy Director, NSA  
Student Forums  
PM SIGINT Customer Relationships

Thursday, 7 December

AM Student Management Exercise  
PM Elective Tours of NSA Operational Areas

Friday, 8 December

AM Student Forums  
PM Student Management Exercise



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FINAL WEEK

Monday, 11 December

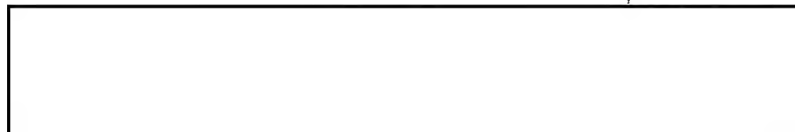
AM            Army Security Agency  
              Naval Security Group Command  
PM            Air Force Security Service  
              Student Forums

Tuesday, 12 December

AM            The Central Security Service  
              Review and Evaluation Seminar  
PM            Student Management Exercise

Wednesday, 13 December

AM            End-of-Course Critique  
              Course Clearance and Processing  
PM            The Director NSA/Chief CSS  
              Graduation



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EDITH T. CUNNINGHAM  
Director of Training

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